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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/741,200	12/19/2000	Heung-For Cheng	42390P10465	7689

8791 7590 02/25/2005

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EXAMINER

NGUYEN, MERILYN P

ART UNIT PAPER NUMBER

2161

DATE MAILED: 02/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/741,200	CHENG, HEUNG-FOR	
	Examiner	Art Unit	
	Merilyn P Nguyen	2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 October 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 March 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input checked="" type="checkbox"/> Other: <u>Detailed Action</u> . |

DETAILED ACTION

1. In response to the communication dated 10/25/2004, claims 1-19 are active in this application.

Acknowledges

2. Receipt is acknowledged of the following items from the Applicant:

The applicant request for reconsideration has been considered.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-3 and 11-12 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Reilly (U.S. 6427164) in view of Salzfass et al. (U.S. 2002/0042815), as set forth in the previous office action mailed 05/21/2004, and reiterated herein below for convenience.

Regarding claims 1 and 11, Reilly disclose: A method and an apparatus for reducing network bandwidth wastage incident to sending an electronic document to a nonexistent member of a distribution list having multiple destination addresses for respective members, comprising:

a machine accessible medium having instructions encoded thereon, which when executed by the machine (col. 3, lines 61 to col. 4. lines 9, Reilly), are capable of directing the machine to

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perform receiving a document by a document distribution server (col. 6, lines 66 to col. 7, lines 26, Reilly);

recording in a database a document identifier and the distribution list (col. 7, lines 28-62, Reilly);

distributing the document to said members of the distribution list (col. 7, lines 28-62, Reilly);

receiving, in response to distributing to a first member of the distribution list, an error message comprising the document identifier (col. 7, lines 31-35, Reilly);

looking up the identifier in the database so as to identify the distribution list (col. 3, lines 3-10, and col. 9, lines 49-58, Reilly).

However, Reilly didn't disclose: automatically deleting the destination address for the first member from the distribution list so that a subsequent sending to the distribution list avoids corresponding subsequent error messages. On the other hand, Salzfass disclose deleting the first member from the distribution list so that a subsequent sending to the distribution list avoids corresponding subsequent error messages (Please see [0067], Salzfass et al.). Because Reilly allows updating the distribution list, thus at the time invention was made, it would have been obvious to a person of ordinary skill in the art to automatically delete member from the distribution list in the system of Reilly as taught by Salzfass. The motivation would have been to enable avoiding further error messages and network bandwidth caused by repeating the transmission of message to invalid addresses.

Regarding claim 2, all the limitations of this claim have been noted in the rejection of claim 1. In addition, Reilly/Salzfass disclose: wherein said wastage comprises bandwidth required for: said distributing the document to the nonexistent member (col. 7, lines 28-62, Reilly);

said error message received in response to said distributing (col. 7, lines 28-62, Reilly);

a reply by a second member of the distribution list, in response to said distributing, which is distributed to the nonexistent member; and an error message responsive to said reply (col. 8, lines 50 to col. 9, lines 10, Reilly).

Regarding claims 3 and 12, all the limitations of these claims have been noted in the rejection of claims 1 and 11, respectively. In addition, Reilly/Salzfass disclose: wherein members of the distribution list receive distributions addressed such that replies to said distributions are directed to said members of the distribution list (col. 8, lines 31-49, Reilly).

4. Claims 4-10 and 13-19 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Reilly (U.S. 6,427,164) in view of Salzfass et al. (U.S. 2002/004,281), and further in view of Applicant's admitted prior art, as set forth in the previous office action mailed 05/21/2004, and reiterated herein below for convenience.

Regarding claims 4-7 and 13-16, all the limitations of these claims have been noted in the rejection of claims 3 and 12, respectively. Reilly/Salzfass discloses a email system, however, Reilly/Salzfass is silent as to disclose a Messaging Application Programming Interface (MAPI) application includes an object-oriented programming language and having a Microsoft Outlook

e-mail functionality in order to compose messages. Applicant's admitted prior art discloses MAPI (See page 2-3). Thus, at the time invention was made, it would have been obvious to a person of ordinary skill in the art to include the MAPI application program use for composing and disposing in the system of Reilly as suggested by Applicant's admitted prior art. The motivation being to make it easy for users to write message application that are independent of the underlying message system and implement message features with a small amount of code. Moreover, MAPI provides a consistent interface for multiple application programs to interact with multiple messaging systems across a variety of hardware platforms.

Regarding claims 8 and 17, most of the limitations of these claims have been noted in the rejection of claims 4-7 above. It is therefore rejected as set forth above.

Regarding claims 9 and 18, all the limitations of these claims have been noted in the rejection of claims 8 and 17, respectively. In addition, the combination of Reilly/Salzfass and applicant's admitted prior art disclose receiving the error message (col. 7, lines 28-62, Reilly); receiving the electronic document by a distribution server which performs said distributing the electronic document (col. 6, lines 66 to col. 7, lines 26, Reilly), and looking up the identifier (col. 8, lines 15-30, Reilly).

Regarding claims 10 and 19, all the limitations of these claims have been noted in the rejection of claims 8 and 17, respectively. In addition, the combination of Reilly/Salzfass and applicant's admitted prior art disclose determining the identifier based on attributes of the

electronic document, said attributes comprising a subject identifier, a sending time, and a distribution list identifier (col. 7, lines 45-62, Reilly).

Response to Arguments

5. Applicant's arguments filed on 10/25/2004 about the claim rejection of the last Office Action have been fully considered, but they are not persuasive.

Applicants maintain the previous argument that Reilly teaches away from the invention as claimed in claims 1 and 11. The Examiner respectfully points out that the recited column 8, lines 8-14 and 31-33 of Applicants in the argument (page 11 of the Remark dated March 29, 2004) does not comply with the Examiner's Office Action. Examiner recites column 7, lines 28-62 for the rejection of "a document identifier".

Applicants argue, "with a filing date of September 19, 2001 Salzfass does not qualify as prior art". The Examiner respectfully disagrees. Salzfass filed provisional application No. 60, 234554 on September 22, 2000, which is earlier than the filing date of instant application. Thus, it does qualify as prior art. A copy of provisional application No. 60, 234554 is attached herein with the Office Action for further review.

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO


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MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marilyn P Nguyen whose telephone number is 571-272-4026. The examiner can normally be reached on M-F: 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 571-272-4023. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-746-7240 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.


MN
February 18, 2005

FRANTZ COBY
PRIMARY EXAMINER


FRANTZ COBY
PRIMARY EXAMINER